



Sri SAI RAM ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution

Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The curriculum is framed with the inputs and suggestions from various subject experts to provide experiential and participative learning. Student –centric learning is nurtured by providing an ICT enabled campus and IP enabled library facility which provides a platform for students to develop their contemporary skills and ethics to shape their behavior. Faculty employ teaching pedagogical techniques like Lecture with demonstration in laboratories, models/charts animation, Industrial visit, Simulation based training Collaborative learning and Brain storming.

Experiential Learning:

- State of art laboratories have been established for students to impart the experiential learning through Theory to Practice Lectures.
- Live in Lab has been included in the curriculum with 4 credits for the students to come up with an idea in first year, develop into a prototype in second year followed by proof of concept and finally a product.
- Students and staff are encouraged to participate in IIT PALS activities. Institution established e-learning facilities and resources like Swayam Prabha technology Virtual Lab, IIT – B spoken tutorial, NPTEL, Learning Management System, e-books and e-journals, digital library to improve their creative thinking in technical and research fields.
- The Institution has established industry powered centers like Center for Robotics – eYantra, Texas Instruments Innovation Lab, Academies like CISCO/oracle/AWS/salesforce/MicrosoftAzure/Data analytics/Red Hat Linux/TCS Bot Lab/, Oracle, CDAC IoT research lab,
- Research centers like Clean Energy Research center/ Biofuel research center, Material Research Centre, Functional Materials Research Lab, Sairam incubation center, AICTE idea Lab were established to train the students on emerging technologies. Field visits have been organized as an extension of theory beyond classroom teaching.

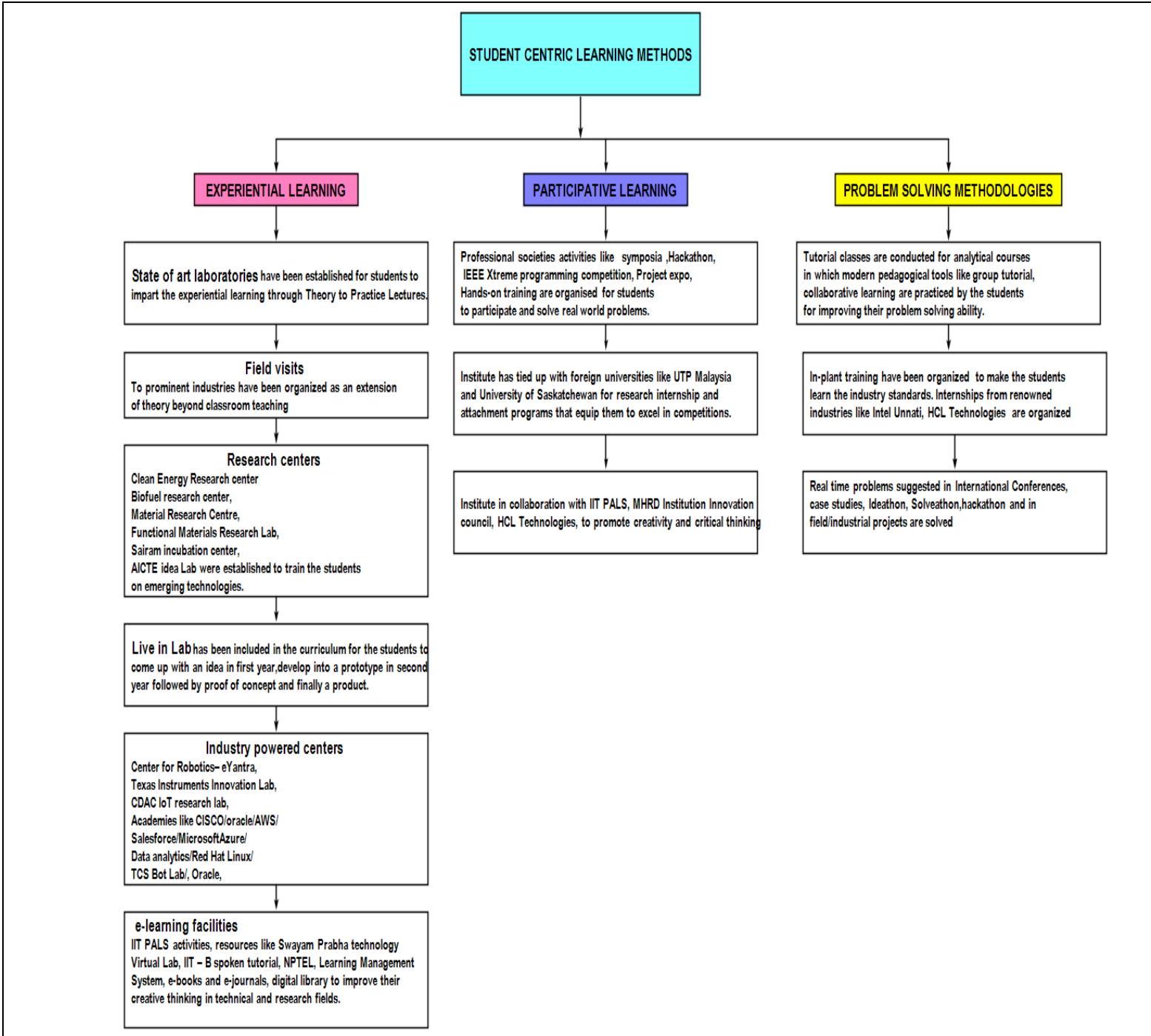
Participative Learning:

- The Institute in association with professional societies and chapters organize various activities like symposia Hackathon, IEEE Xtreme programming competition, Project expo, Hands-on training for students to participate and solve real world problems.
- Institute in collaboration with IIT PALS, MHRD Institution Innovation council, HCL Technologies, to promote creativity and critical thinking among students through active participation in webinars, project competitions, residential training organized by them.

- Institute tie up with foreign universities like UTP Malaysia and University of Saskatchewan for research internship and attachment programs that equip them to excel in global competitions.

Problem Solving Methodologies:

- Students are encouraged to find out the solutions for real time problems by participating in International Conferences, case studies, Ideathon, Solveathon, Inspiration, hackathon and field/industrial projects.
- Field visits, In-plant training have been organized to make the students learn the industry standards. Internships from renowned industries like Intel Unnati,
- Tutorial classes are conducted for analytical courses in which modern pedagogical tools like group tutorial, collaborative learning are practiced by the students for improving their problem solving ability.




Principal
 SRI SAIRAM ENGINEERING COLLEGE
 West Tambaram, Chennai-44.

SAIRAM DEFENCE INNOVATION ACTIVITIES

1. Pre talk on Insight of Sairam Defence Innovation and Startup Hackathon 1.0
 Venue-VRR Hall,Sri Sairam Engineering College,Chennai
 Date-07.05.2022(Saturday) Time-11am



Sairam
 Defence Innovation
 and Startup
Hackathon 1.0
 19th & 20th May 2022

Innovation, Indigenization & Startup Opportunities in Defence Sector

To Identify and support Students, Research Scholars & Faculty for the Development of Technology / Product for Defence Sector
(Exclusive Event for SEC, SIT & SCE)

Important Dates
 Registration Date
 5th May 2022
 Team Announcement Date
 7th May 2022

Rules & Regulations :
 1. Individual Student registration is Permitted
 2. Participant can register for only one challenge from the list.

Registration Link: <https://tinyurl.com/2p8s5b3r>

For any Queries contact: Dr.A.Sanjeevi Gandhi, Cell : 9095018889 / Mr. M. Subramanian, Cell : 9245525838

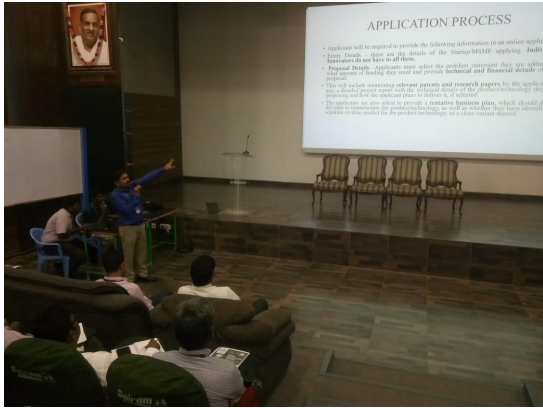
Sairam
 Defence Innovation and Startup
Hackathon 1.0
 19th & 20th May 2022

6th Edition of Defence India Start-up Challenge (DISC#6) is launched with the following challenges from Armed Forces, Indian Coast guard, DPSUs, and Ministry of Home Affairs for resolution by startups & innovators.

TITLE OF CHALLENGES

1. Detachable rubberised track pad for BMP-II
2. Automation of track adjustment mechanism of BMP-II
3. Lighting management system for BMP-II
4. Scalable Wireless Communication Network
5. Design of Hydro Pneumatic Suspensions for Different Road profiles
6. Development of Axis MEMS GYRO
7. Door Control Unit (DCU) and Gear Motor for metro stations.
8. Design of a Cavity Backed Spiral antenna (1-18GHz).
9. AI enabled welder's helmet
10. AI based Condition Monitoring System for Ship Yard Assets.
11. Development of Parachute for Paragliding
12. Development of Parachute for Parasailing.
13. Development of Gyro Motor and Gyro Chassis for Gunner Sight
14. Torque Generator Stator-800 and Torque Generator Stator-1000 for Gunner Sight
15. Steering Console for an underwater vessel.
16. Electro-Magnetic Velocity Log for underwater vessels.
17. Development of Composition Process & Filling of Smoke Shell
18. Development of automatic weighing and filling of explosive powder
19. Designing thermal agile mannequin to measure comfort parameter in simulated high altitude environment
20. Design of ballistic portable bunkers with cooling effect
21. Oxygen-Free Electrolytic Copper Rods
22. Vulcanization of Steel cup, arming device Holder and Fuse Holder.
23. Monitoring of fishing Boats and fishermen at sea.
24. Mass evacuation and recovery system for disaster management at sea.
25. Global Maritime Distress and Safety System (GMDSS) equipment.
26. Drones for operations for sea boarding operation
27. AI/ML and AR based Virtual assistance onboard ships/submarines
28. Unmanned Surveillance System for Mechanised Forces.
29. Laser based levelling and harmonization of airframe
30. Hand-Held Hard-Kill Counter UAS System.
31. Seamless and continuous domination border monitoring system
32. Dormant Tunnel Detection System
33. Fog penetration radar System
34. Ammunition procure system and corporatization of Ordnance Factory Board (OFB)
35. Storage system development in subzero temperature for long duration
36. Amphibious vehicles development







2. Virtual Boot camp arranged for all the young innovators registered in the Sairam Defence Hackathon 1.0 with Dr.T.K.Varadarajan, Director,Ministry of Defence,CODISSIA Defence Innovation and ATAL Incubation Centre on May 10,2022 from 1.30pm to 4pm



Sairam
ENGINEERING COLLEGE
INSTITUTE OF TECHNOLOGY
Autonomous Institutions
West Tambaram, Chennai - 44
&
COLLEGE OF ENGINEERING
Anekal, Bengaluru



DEFENCE INNOVATION

**Innovate
Inspire
Incubate**





Sairam Defence Innovation and Startup Hackathon 1.0

Innovation, Indigenization & Startup Opportunities in Defence Sector

Virtual Boot Camp

(To Identify and support Student & Faculty for the Development of Technology / Product for Defence Sector)

Hosting on Zoom

 **10.05.2022, Tuesday**
@ 1.30 pm to 4.00 pm

Zoom Id : 444 226 7777 Password : sairam

Guest Speaker

Dr. T. K. VARADARAJAN

Director, Directorate General of Quality Assurance,
Ministry of Defence
Nodal Officer, DGQA Facilitation Centre
CODISSIA Defence Innovation and
ATAL Incubation Centre









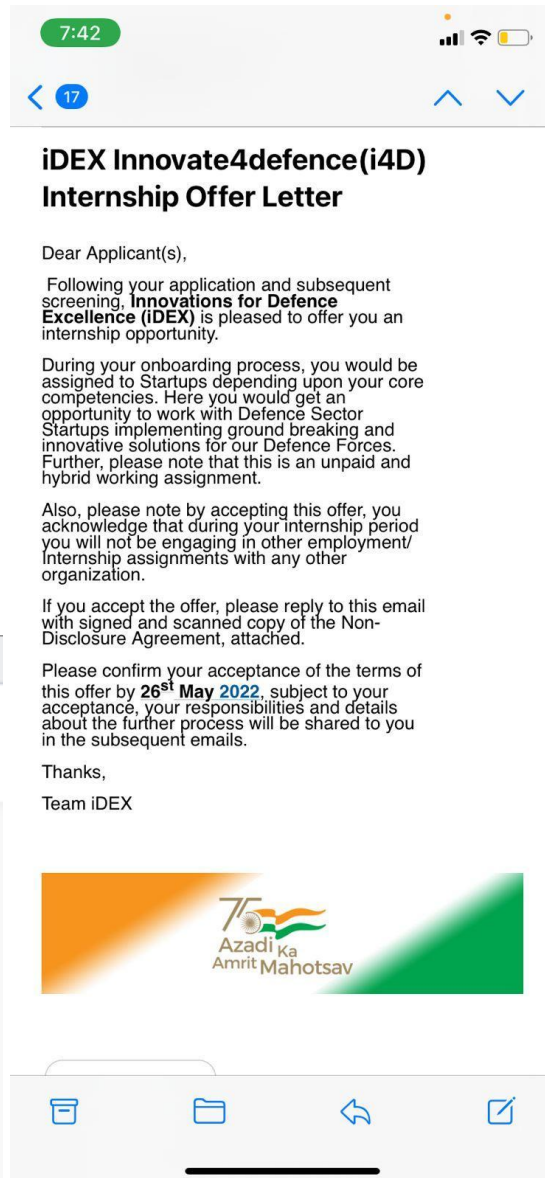








3. Motivating students to apply for Defence internship Date-10.5.2022





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MoEs Institution Innovation Council (IIC)
AICTE-Industry Institute Partnership Cell (IIPC)



Ministry of Defence
Innovations for Defence Excellence (iDEX)
Innovate 4 Defence-Internship

Hearty Congratulations

to the following students for having got

INTERNSHIP OFFER

in the Prestigious Innovations for Defence Excellence
(iDEX) Innovate 4 DEFENCE-INTERNSHIP



Hemanth M
II year / AI & DS



Sudharsan S C
II year / AI & DS



Divakar K
II year / AI & DS



Adhish S
II year / AI & DS



Shrinithi G R
II year / AI & DS



Jaiganesh P
II year / ECE

Dr. K. Porkumaran
Principal

Shri. Sai Prakash LeoMuthu
Chairman & CEO



4. SAIRAM DEFENCE INNOVATION AND STARTUP HACKATHON 1.0 ON 19.5.2022 at Sairam Campus.

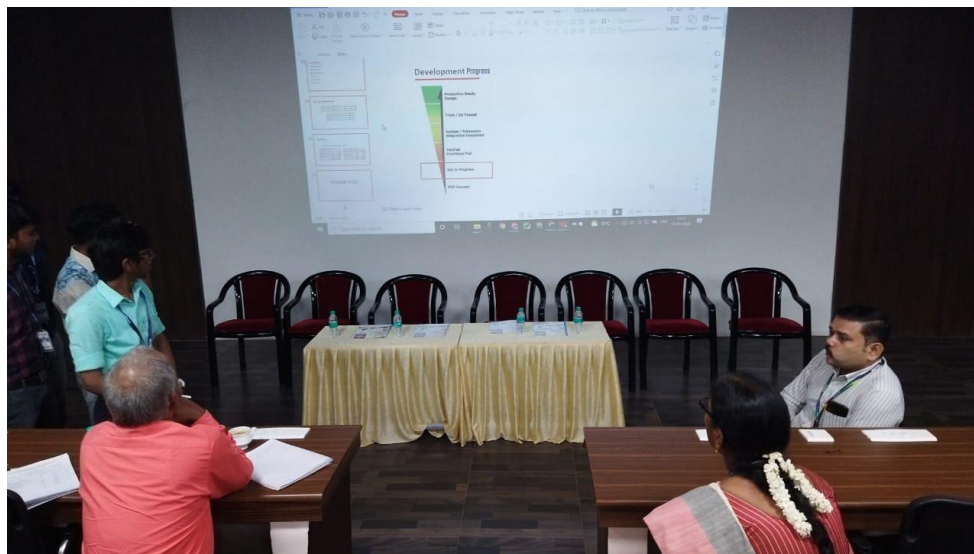
Sairam
DEFENCE INNOVATION
and Startup
HACKATHON 1.0
Innovation, Indigenization &
Startup Opportunities in Defence Sector

19.05.2022
Thursday
@ 9.30 am

Chief Guest
Dr. T. K. VARADARAJAN
Director, Directorate General of Quality Assurance,
Ministry of Defence
Nodal Officer, DGQA Facilitation Centre
CODISSIA Defence Innovation and ATAL Incubation Centre

Dr. B. Shadakshrapa : **Dr. K. Palanikumar** : **Dr. K. Porkumaran** : **Shri. Sai Prakash LeoMuthu**
Principal / SCE : Principal / SIT : Principal / SEC : Chairman & CEO
Sairam Institutions

Sairam **SDG ACTION** **RAISE FOMS** **ARHA** **NIF** **Sustainable Development Goals** **Sairam**
www.sairamgroup.in



5. Arranging Expo Visit to students and Faculty mentors to the defence & technology expo at Chennai Trade Centre, Nandambakkam, 27-05-2022.



6.The winners of Sairam Defence Innovation and startup hackathon 1.0 taken to the Outreach programme at CODISSIA ,Coimbatore on 30th May 2022.

About the event:

Address about Progress of CDIIIC by Mr. V. Sundaram, Director, CDIIIC

Address by Chief Guest & Guest of Honour Shri. Sanjay Jaju IAS, Additional Secretary (DP), Ministry of Defence, Govt. of India

Moderator: Dr. K. Suresh Kumar, Executive Director, PSG STEP, PSG College of Technology, Coimbatore and President, ISBA.

Panelists:

1. Thiru Hans Raj Verma IAS, Chairman and Managing Director, Tamil Nadu Industrial Investment Corporation (TIIC) Ltd. (Virtual)

2. Air Cmde KAA Sanjeeb VSM, Air Officer Commanding , 5 Base Repair Depot (5BRD), Sulur (Physical)

3. Dr. T.K. Varadarajan, Nodal Officer, DGQA Facilitation Cell, Coimbatore (Physical)

4. Cmd E. David, Officer Incharge, Aircraft & Engine Holding Unit (A & EHU), INS Agrani, Coimbatore (Physical)

5. Thiru. B. Krishnamoorthy IOFS, Project Director, Tamil Nadu Defence Industrial Corridor, Chennai (Virtual)

iDEX Innovations for Defence Excellence
PM Awardee 2021

CODISSIA DEFENCE INNOVATION AND ATAL INCUBATION CENTRE

Supported by
NITI Aayog ATAL INNOVATION MISSION

Welcome to

Defence India Startup Challenge 6 & iDEX Prime
OUTREACH PROGRAMME

30th May 2022, 2.30 PM

VENUE : "D" Seminar Hall,
CODISSIA Trade Fair Complex, Coimbatore

Link for Registration : <https://bit.ly/3MFE7SQ>

Leadership Views and Perspectives

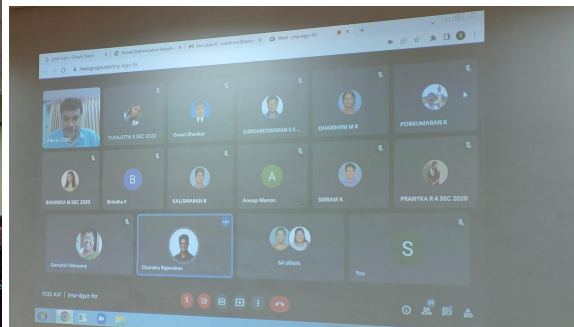
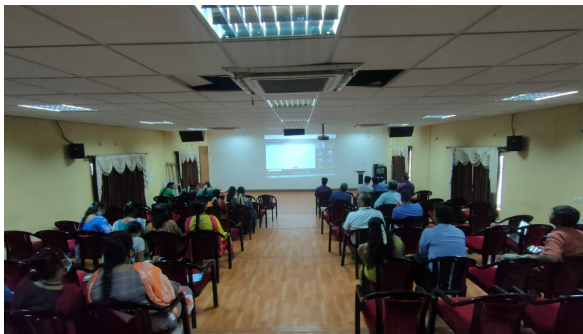
Voice of iDEX Stakeholders

Interaction w/ Nodal Officers from Services & DPSUs





7. DISC 6 Pitch Training Session is being organised by the Ministry of Defence through Google meet (17-06-2022) Friday, timings 11.00am to 12.00 noon



8. DISC 6 shortlisted teams who had their next high level presentation to HPSC , Ministry of Defence

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An Autonomous Institution
West Tambaram, Chennai - 44

Hearty Congratulations!!!

TO THE FOLLOWING TEAMS FOR BEING SHORTLISTED FOR HIGH POWERED SELECTION COMMITTEE PRESENTATION OF

IDEX DISC #6

Problem No : 1 ORDNANCE FACTORY MEDAK (A unit of AVNL)
DESIGN AND DEVELOPMENT OF TRACK WITH DETACHABLE RUBBERISED TRACK PAD FOR BMP-II

TEAM : LA VICTOIRE SOLUTIONS

Team Mentor Dr. B. VIJAYARAMNATH, Professor and Head, Mech Sri Sairam Engineering College

Team Lead S. Surender, Final year, Mech

Student Members

1. B. Kaliswaran, Final year, Mech
2. Balabadra Abigzn, Final year, Mech
3. C. Santhosh 3rd year, Mech
4. P.Lokesh 3rd year, Mech

Problem No : 3 AVNL
IMPROVED LIGHTING MANAGEMENT SYSTEM FOR BMP-II/I/K AND ITS VARIANTS

TEAM : EVOLUTION

Team Mentor Ms. J. NIRMALA, Assistant Professor, CSBS Sri Sairam Engineering College

Team Lead Balaji Arumugam, 3rd Year, CSBS

Student Members

1. Gowtham Muniyandi, 3rd Year, CSBS
2. R. K. Abirami, 3rd Year, CSBS
3. J. Keerthana, 3rd Year, CSBS
4. S. Aathrayee, 3rd Year, CSBS
5. G. Sreelakshmi, 3rd Year, CSBS

Sairam Family wish them all the very best.

Dr. K. Porkumaran Principal | Shri. Sai Prakash LeoMuthu Chairman & CEO

SAIRAM ENGINEERING COLLEGE

Hearty Congratulations!!!

To the following teams for being Shortlisted for High Powered Selection Committee presentation of IDEX Disc #6 Defence Innovation Organization

Problem No. 18 by Munitions India Limited
DEVELOPMENT OF EQUIPMENT CAPABLE OF AUTOMATIC WEIGHING AND FILLING OF POWDER-LIKE SUBSTANCE EXPLOSIVES WITHIN 2 MG TOLERANCE (I.E. 28-30 MG)

TEAM : WARFARE - SENTER

Team Mentor Dr. S. BRINDHA, Professor/ECE, Sri Sairam Engineering College

Team Lead R. G. SHARATH KUMAR, ECE Final YR

Student Members V.RITHIKA, ECE, Final YR / N.JAYAPREETHA, ECE, Final YR / D.SWETHA, ECE, Final YR / S.SNEHASHRI, ECE, Final YR / S.SUVANTHINI, ECE, Final YR

TEAM : ALL FOR WON

Team Mentor Mr. MOHANRAJ K, AP/ICE, Sri Sairam Engineering College

Team Lead KATHIRAVAN S, ICE, Third YR

Student Members BAVANIKA M, AIGDS, Third YR / DHIVYADHARSHINI K, CSBS, Third YR / HARINI M, ICE, Third YR / KIRUPHASHNI B ECE, Third YR / MATHUMITHA G AIGDS, Third YR

TEAM : THE INCREDIBLES

Team Mentor Dr. K. PORKUMARAN, Principal, Mr. C. JEEVA, AP/EEE

Team Lead KRITHIKA B, EEE, Final YR

Student Members Shreya R, EEE, Final YR / ABISHEK J, EEE, Final YR / LAVANYA,S, EEE, Final YR / SWETHA, EEE, Final YR

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Hearty Congratulations!!!

TO THE FOLLOWING TEAMS FOR BEING SHORTLISTED FOR HIGH POWERED SELECTION COMMITTEE, MINISTRY OF DEFENCE PRESENTATION OF

IDEX DISC #6

Problems defined by TROOP COMFORTS LIMITED [A Govt of India Enterprise]

PROBLEM NO. 21
DESIGNING THERMAL AGILE MANNEQUIN TO MEASURE COMFORT PARAMETER IN SIMULATED HIGH-ALTITUDE ENVIRONMENT

TEAM LEAD : Karthika G, EIE - III yr

TEAM MEMBERS

Rajesh.M, EIE, III yr / Suthanraj.M, EIE, III yr
Karish Leela.M, EEE, III yr / Priyadarshan EEE, III yr
Mridhula.S, CSE 'A' - I yr / Aishwarya, CSE 'A' - I yr
Divya.D, CSE 'A' - I yr

TEAM MENTORS
Dr. S. Balamurugan, Assistant Professor, ECE
Dr. A. Sanjeevi Gandhi, Associate Professor, EEE

PROBLEM NO. 20
DESIGN OF BALLISTIC PORTABLE BUNKERS WITH COOLING SYSTEM

TEAM LEAD : Rithi S, EIE - Final Year

TEAM MEMBERS

Nandhini S, EIE, Final year
Harshavarthan M, ECE, Final year
Ragul VB, CSE, Final year
Sundar V, Mech, Final year

TEAM MENTORS
Ms. Tamil Selvi T, Assistant Professor, EIE

Sairam Family wish them all the very best.

Dr. K. Porkumaran Principal | Shri. Sai Prakash LeoMuthu Chairman & CEO

9. Dr T. Varadharajan, Director, Directorate General of Quality assurance, Ministry of Defence had an interaction with the selected batches for DISC-6 challenge submission on 2.08.2022



10. DISC 7 SELECTED TEAMS FROM SAIRAM WHO MADE THEIR PRESENTATION TO HPSC, MINISTRY OF DEFENCE

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Hearty Congratulations!!!

TO THE FOLLOWING TEAMS FOR BEING
**SHORTLISTED FOR HIGH POWERED
 SELECTION COMMITTEE, MINISTRY OF DEFENCE**
 PRESENTATION OF
iDEX DISC #7
 (SPRINT)-INDIAN NAVY

CHALLENGE NO. 21
**AI BASED COLLISION AVOIDANCE SYSTEM
 FOR UNMANNED VESSELS**

<p>Team Name: EDITH</p> <p>Team Mentor : Dr S.Sankari, Professor, IT,</p> <p>Team Lead : Surendar C-III yr, IT A,</p> <p>Team Members: 1) Udayakumar G- III yr, IT A, 2) Vigneshwara K- III yr, IT A, 3) Surya PR- III yr, IT A,</p>	<p>Team Name: TOOFAN</p> <p>Team Mentor : Dr. Swagata Sarkar, HOD-AIDS, SEC Team Lead : Hemanth M-IIIrd yr AIDS, SEC</p> <p>Team Members: 1)Shrinithi G R-IIIrd yr, AIDS, 6)Abhinav Suresh- IIIrd yr, AIDS 2)Sudharsan S C- IIIrd yr, AIDS, 7)Dhinesh Babu A - IIIrd yr, AIDS 3)Nivetha E- IIIrd yr, AIDS, 8)Susmitha R- IIIrd yr, AIDS, 4)Madhu Vadhani- IIIrd yr, AIDS 9)Divakar K -IIIrd yr, AIDS 5)Adarsh V- IIIrd yr, AIDS 10)Ganeshan M - IIIrd yr, AIDS</p>
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Sairam Family wish them all the very best.

Dr. K. Porkumaran
Principal
 Shri. Sai Prakash LeoMuthu
Chairman & CEO

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Hearty Congratulations!!!

TO THE FOLLOWING TEAMS FOR BEING
**SHORTLISTED FOR HIGH POWERED
 SELECTION COMMITTEE, MINISTRY OF DEFENCE**
 PRESENTATION OF
iDEX DISC #7
 (SPRINT)-INDIAN NAVY

PROBLEM STATEMENT NO. 74

**AUTONOMOUS OPERATION
 (STARTING, RUNNING AND SHUTTING DOWN)
 OF A DIESEL ALTERNATOR SUITABLE
 FOR CHARGING LITHIUM - ION BATTERIES**

PROJECT MENTORS:
Dr. K. PORKUMARAN
 Professor & Principal, SEC

Dr. A. SANJEEVI GANDHI
 Associate Professor, SEC

Mr. C. JEEVA
 Assistant Professor, SEC

TEAM LEAD:
KRITHIKA B Final yr EEE

TEAM MEMBERS:
 1.ABISHEK J Final yr EEE
 2.SHREYA R Final yr EEE
 3.LAVANYA S Final yr EEE
 4.SWETHA S Final yr EEE

Sairam Family wish them all the very best.

Dr. K. Porkumaran
Principal
 Shri. Sai Prakash LeoMuthu
Chairman & CEO

11.DISC PRIME SELECTED TEAMS FROM SAIRAM WHO MADE THEIR PRESENTATION TO HPSC,MINISTRY OF DEFENCE



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Sairam INSTITUTIONS

Hearty Congratulations
AND BEST WISHES FROM SAIRAM FRATERNITY!!!!

iDEX Innovations for Defence Excellence

iDEX PRIME
SELECTED FOR NEXT ROUND OF EVALUATION

Indian Navy

<p>PROBLEM STATEMENT NO. 1 DEFINED BY INDIAN NAVY - TO DEVELOP AN AI BASED UGV FOR IDENTIFYING AND MARKING MINES IN A MINEFIELD</p> <p>PROJECT MENTORS: Dr. K. RENGANATHAN, HOD/EIE</p>	<p>PROBLEM STATEMENT NO. 2 DEFINED BY INDIAN NAVY - ADVANCE TRUSS BRIDGE</p> <p>TEAM LEAD: Suthanraj.K, IIIrd Year, EIE</p> <p>TEAM MEMBER : Karthika.G, IIIrd Year, EIE</p>
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Dr. K. Porkumaran
Principal

Shri. Sai Prakash LeoMuthu
Chairman & CEO

12.DISC 7 SPRINT INDIAN NAVY WINNERS ATTENDING DEFEXPO 2022 AT GANDHINAGAR AND THE TEAM WAS FELICITATED BY RAKSHA MANTRI SHRI.RAJNATH SINGH ON 19TH OCTOBER 2022.



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Congratulations

Milestone Achievement
in the History of SAIRAM

DISC 7.0
SPRINT-INDIAN NAVY
WINNERS

Indian Navy

Indian Navy

Dr. K. PORKUMARAN, Principal,
Dr. A. SANJEEVI GANDHI, Asso. Professor/EEE
Mr. C. JEEVA, Assistant Professor/EEE
with EEE Department students KRITHIKA B / ABISHEK J / SHREYA R / LAVANYA S / SWETHA S
created history by winning the most coveted
DISC 7.0 SPRINT Challenge.

The team was felicitated by Honorable Raksha Mantri
Shri. RAJNATH SINGH
in the Innovations for Defence Excellence (iDEX) Pavilion for showcasing the prowess of Sairam Institutions R&D and innovation in futuristic Defence Technologies during the 'DefExpo 2022' held at Gandhinagar, Gujarat on 19th October 2022.



Sairam Family wish them all the very best.
Shri. Sai Prakash LeoMuthu, Chairman & CEO

Sairam INSTITUTIONS



13.SAIRAM INSTITUTIONS is planning to establish SAIRAM DEFENCE INNOVATION HUB to support the Ministry of Defence and the wider defence industry through a broad range of initiatives.

In this regard SAIRAM INSTITUTIONS are organising SAIRAM DEFENCE INDUSTRY CONNECT 1.0 under the theme INNOVATION AND INDIGENIZATION OPPORTUNITIES IN DEFENCE FOR MSMEs” on 22-11-2022, Tuesday which will pave a niche way in increasing connectivity and engagement between the Government, Academia and Industry.

Dr.T. K. Varadarajan, Director, Directorate General of Quality Assurance (DGQA), Ministry of Defence will be the keynote speaker for the DEFENCE INDUSTRY CONNECT 1.0 and will be interacting all the Industry delegates (Timing: 10:00 am to 12:00 noon)

Sairam RAISE EOMS SDG ACTION PLAN | **ARIHA** | **nirf** | **SUSTAINABLE DEVELOPMENT GOALS** | **Sairam INSTITUTIONS**

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Ministry of Education
Institution's Innovation Council | INSTITUTION'S INNOVATION COUNCIL | Sairam IIPC

in Association with
Industry Institute Partnership Cell-AICTE (IIPC)

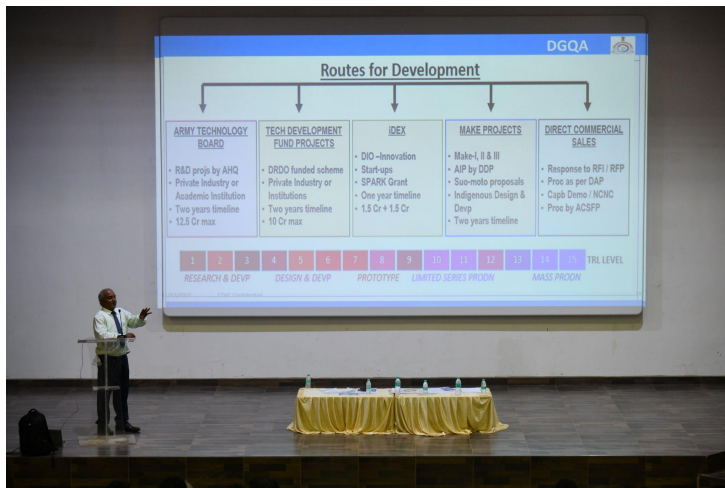
Cordially invite you for the
Sairam DEFENCE INDUSTRY CONNECT 1.0

INNOVATION & INDIGENIZATION OPPORTUNITIES IN DEFENCE FOR MSMEs

22.11.2022, Tuesday | 10.00 AM | SSR Hall

Guest Speaker
DR. T. K. VARADARAJAN
Director,
Directorate General of Quality Assurance (DGQA)
Ministry of Defence

Dr. K. Palanikumar Principal/SIT | Dr. K. Porkumaran Principal/SEC | Shri. Sai Prakash LeoMuthu Chairman & CEO





14.DISC 8 AND IDEX PRIME SPACE PARTICIPANTS ATTENDED VIRTUAL OUTREACH EVENT BY MISSION DEFENCE SPACE ON 9TH DEC 2022.



Mission DefSpace

iDEX Prime (Space)

Chief Guest Address

9 December 2022

11:00 AM - 12:00 PM (IST)

T-Hub

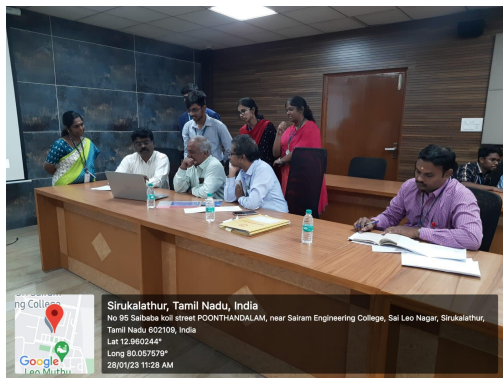
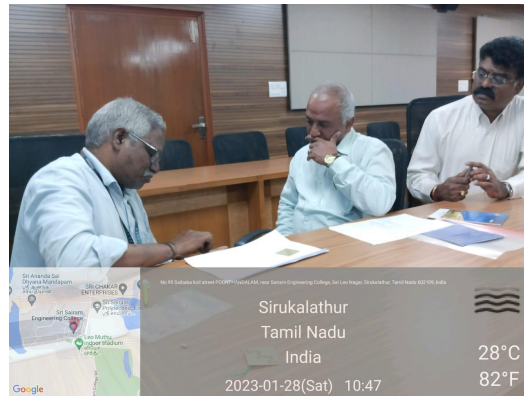
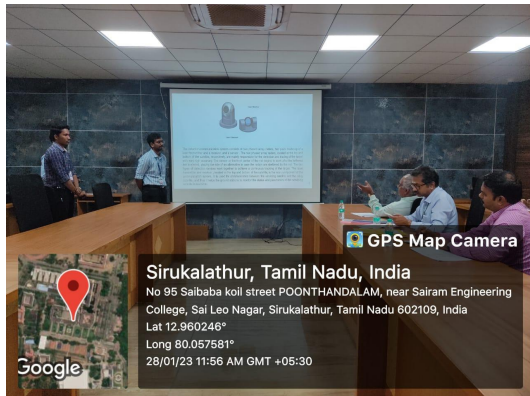
REGISTER

Sa.K. Vishnoo Prathap

Program Executive
Dept. of Defence Production, Ministry of Defence, Govt of India
iDEX

Services	Contact details
Defence Space Agency	Col Jithendra: dmsdmsa.idsa@gov.in
Indian Army	Col Vikram: spacesdomain-01@gov.in
Indian Air Force	Grp Capt Sandeep: dispace574@iaf.nic.in
Indian Navy	Capt Manish: inse-navy@nic.in

15.IDEX DISC 8 participants from Sairam had an interactive session on 28-01-2023 with Dr T. Varadharajan,Director,Directorate General of Quality assurance, Ministry of Defence to improvise their proposals.



16.DISC 8 SHORTLISTED TEAM FROM SAIRAM PRESENTED THEIR PRESENTATION TO HPSC ON 23.01.2023



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Hearty Congratulations!!!



To the Team for Getting Short-Listed and Successfully Presenting the Proposal to the
HIGH-POWERED STEERING COMMITTEE (HPSC)
Defence Innovation Organization,
Ministry of Defence, Govt. of India

DISC #8
DefSpace Challenge MISSION

COMPONENT CHALLENGE
S.No. 35.3
HALL EFFECT PLASMA THRUSTERS FOR SPACECRAFT ORBIT CORRECTIONS

Best Wishes from Sairam Fraternity!!

TEAM MENTOR:
Dr. R. AZHAGUMURUGAN
HOD / EEE

TEAM MEMBERS:

1. Barath Kumar M, II yr EEE
2. Sankaran R, II yr EEE
3. Chandravelan MP, II yr EEE
4. Raveendranath L, II yr EEE



Dr. K. Porkumar
Principal



Dr. Sai Prakash LeoMuthu
Chairman & CEO

17.DISC 7 winners of Sairam have been invited to the Ministry of New and Renewable energy, Gol, New Delhi and had an interactive fruitful discussion with Dr. Arun kumar Choudhary , scientist & Assistant Technical director , R and D division, Ministry of New and Renewable Energy , New Delhi to explore the emerging opportunities in Renewable energy sectors.

In addition to that, special research opportunities and paid internship programs have been planned to be conducted for the faculties and students at our institution in order to increase quality Research proposals under MNRE.

Based on interactions, we will be able to establish new projects and Centre of excellence in Renewable energy in our institution from MNRE in the near future





		SRI SAIRAM ENGINEERING COLLEGE & SRI SAI RAM INSTITUTE OF TECHNOLOGY SMART INDIA HACKATHON 2022 - 25 - 29th Aug, 2022 FINALS - AWARD WINNERS DETAILS				Total No of Teams Won : 07		
S. No.	TEAM NAME	TEAM LEADER NAME/ TEAM MEMBERS	Gender (Male/Female)	OFFICIAL MAIL ID	COLLEGE ID	REG.NO	CONTACT NO	DEPT/YEAR/S EC
1	Leccy (Software)	Karthik B (TL)	Male	sec19it126@sairamtap.edu.in	SEC19IT126	412519205063	7708221131	IT/III/C
		Tharunkumar K	Male	sec19it047@sairamtap.edu.in	SEC19IT047	412519205147	6374435912	IT/III/C
		Janani Priyadarshini S	Female	sec19ec080@sairamtap.edu.in	SEC19EC080	412519106053	9840590807	ECE/III/A
		Krithika B	Female	sec19ec070@sairamtap.edu.in	SEC19EE070	412519105035	8248313037	EEE/III/B
		Gowrishankar K	Male	sec19ec072@sairamtap.edu.in	SEC19EC072	412519106033	8056379601	ECE/III/A
		Jayavarshini G	Female	sec19ec032@sairamtap.edu.in	SEC19EC032	412519106057	6369902502	ECE/III/A
2	SENER (Software)	R.G.SHARATH KUMAR (TL) N JAYAPREETHA	MALE	sec19ec122@sairamtap.edu.in	SEC19EC122	412519106120	7010193569	ECE/III/B
			FEMALE	sec19ec132@sairamtap.edu.in	SEC19EC132	412519106055	9884290404	ECE/III/B
		V.RITHIKA	FEMALE	sec19ec179@sairamtap.edu.in	SEC19EC179	412519106123	7358025179	ECE/III/B
		D.SWETHA	FEMALE	sec19ec020@sairamtap.edu.in	SEC19EC020	412519106172	9940294091	ECE/III/D
		S.ADITHYA SUBRAMANI	MALE	sec19ec059@sairamtap.edu.in	SEC19EC059	412519106004	9962621811	ECE/III/B
		K.NIVETHA	FEMALE	sec19it138@sairamtap.edu.in	SEC19IT138	412519205097	7358529729	IT/III/C
3	MATRIX001 (Software)	CHARUKESHI S (TL)	FEMALE	sec20cs141@sairamtap.edu.in	SEC20CS141	412520104027	9884570235	CSE/III/B
		ADHISH S	MALE	sec20ad001@sairamtap.edu.in	SEC20AD001	412520243003	9500109149	AI DS/III/A
		ANUSHREE K	FEMALE	sec20ad010@sairamtap.edu.in	SEC20AD010	412520243007	9940061876	AI DS/III/A
		MORRVEN R	MALE	sec20ec021@sairamtap.edu.in	SEC20EC021	412520106094	8778676618	ECE/III/D
		SHREYA S	FEMALE	sec20cs009@sairamtap.edu.in	SEC20CS009	412520104140	9025613268	CSE/III/B
		SUSMITHA R	FEMALE	sec20ad035@sairamtap.edu.in	SEC20AD035	412520243048	6380597638	AI DS/III/A
4	MASTER MAGGOT (Software)	M MANISH (TL)	MALE	sec20cb051@sairamtap.edu.in	SEC20CB051	412520244032	9413122969	CSBS/III/A
		AFRIN RUQAYYAH FATHI	FEMALE	sec20cb027@sairamtap.edu.in	SEC20CB027	412520244005	7010674056	CSBS/III/A
		AVANTHIKA P V	FEMALE	sec20cb050@sairamtap.edu.in	SEC20CB050	412520244008	9344343670	CSBS/III/A
		JAI VIGNESH R	MALE	sec20cb047@sairamtap.edu.in	SEC20CB047	412520244026	8825645904	CSBS/III/A
		NAVIN KUMAR M	MALE	sec20cb003@sairamtap.edu.in	SEC20CB003	412520244035	7092583650	CSBS/III/A
		SUJAN B	MALE	sec20cb043@sairamtap.edu.in	SEC20CB043	412520244046	8754584501	CSBS/III/A
		JEYASHRI R (TL)	FEMALE	e8ee051@sairamtap.edu.in	E8EE051	412518105030	9498371914	EEE/IV/A
		DEEPTHI SHERLY J	FEMALE	sec19cs010@sairamtap.edu.in	SEC19CS010	412519104025	7010891749	CSE/III/D
		AISHWARYAA S P	FEMALE	sec19cs128@sairamtap.edu.in	SEC19CS128	412519104004	7550269783	CSE/III/D
		DEEPAK N	MALE	sec20cb016@sairamtap.edu.in	SEC20CB016	412520244012	9384762797	CSBS/II/A


SRI SAIRAM ENGINEERING COLLEGE , TAMBARAM, CHENNAI-44

Spoken tutorial, IITB

FOSS Certificate count for Academic year 2022-23 (Department wise)


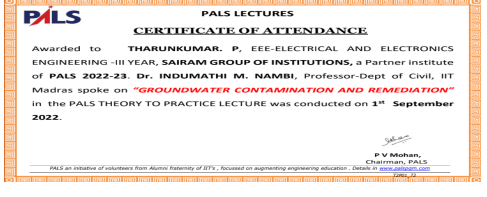
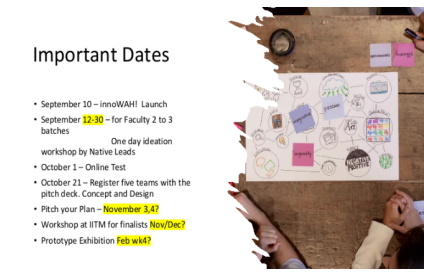
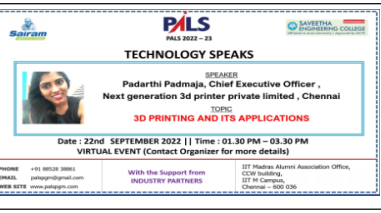
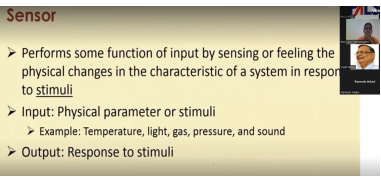
NAME OF THE COURSE	AIDS	CIVIL	CSE	CSBS	MTECH-CSE	ECE	EEE	EIE	ICE	IT	MECH	S&H	TOTAL
R - PROGRAMMING	55					323	70		15				463
Arduino	49		217			229	91		22	413			1021
C											62	1147	1209
Latex						179		114	27		73		393
PHP and MySQL	47												47
eSIM						203	74						277
PYTHON 3.4.3				95	61	196	117		51				520
QCAD											64		64
SCILAB			140			177		103	26	276			722
Android App using Kottin			244	53			96			330			723
JAVA				91	57	180							328
BLENDER						101	75	149					325
ADVANCED C						194	70						264
HTML			152		57		86	171					466
PEARL										233			233
LINUX				45									45
CSS				47	57								104
JAVASCRIPT				47									47
OPEN FOAM											39		
CPP											49		
TOTAL	151	0	753	378	232	1782	679	537	141	1252	287	1147	7251



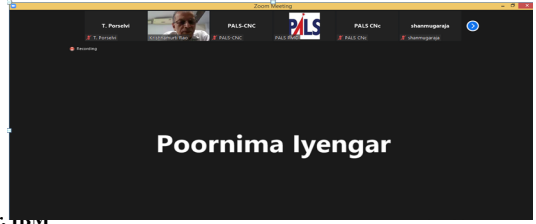
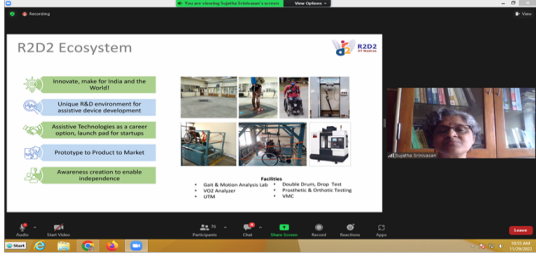

Principal
 SRI SAIRAM ENGINEERING COLLEGE
 West Tambaram, Chennai-44.

S. No	Event	Mode	Date	No of participation	Resource person	Photo
1	Inreach Research	Physical Event@ IIT Research park	3rd June 2022	25	Prof. Shanthi Pavan, Dean Academics, IIT Madras	 <p>PALS 2022 - 23 In Reach Research @IITM</p> <p>KEY NOTE SPEAKERS Prof Shanthi Pavan, Dean Academics, IIT Madras</p> <p>PANEL DISCUSSIONS RESEARCH SCHOLARS OF IIT MADRAS</p> <p>Date : 3rd JUNE 2022 Time : 10.30 AM - 12.30 PM VENUE:ITI AUDITORIUM,IISR,IIT MADRAS</p> <p>PHONE : +91 9442 3943 EMAIL : pshanthi@iitm.ac.in WEB SITE : www.pals@iitm.ac.in</p> <p>With the Support from IIT Madras</p> <p>IIT Madras Alumni Association Office, C23 Building, IIT Madras, Chennai-600 036</p>
2	Innowah Exhibition and PALS Valediction	IITM	22/6/2022	6 Students + 3 faculty		 <p>Two photographs showing the Innowah Exhibition and PALS Valediction event. The top photo shows a group of people gathered around a laptop, and the bottom photo shows a group of people standing together for a group photo.</p>
3	INTERNSHIP WITH RuTAG			5		
4	BIG Awareness Session		July 28th, 2022			 <p>HTIC MedTech Incubator as a BIRAC's Associate BIG Partner Inviting Applications for BIOTECHNOLOGY IGNITION GRANT BIG 21st Call</p> <p>Areas Supported Under BIG</p> <p>Medical devices & diagnostics, Environmental Science, Waste Management, Industrial biotechnology, Biopharmaceuticals, Plant Biotech, Veterinary</p>
5	Built-A-Thon, an initiative by IBM in collaboration with AICTE		July 19 to July 24, 2022	2		 <p>Launching Project Build-A-Thon An Exclusive Program for Faculty to Enrich their Skills in Emerging Technologies</p> <p>6 Days Bootcamp + 10 Days Project Development</p> <p>Enroll Now</p>

6	the launch of the IIT PALS STUDY CIRCLE for GATE/JAM in	Physical Event@ IIT Research park	August 12, 2022	39	 <p>IITM PALS Cordially invite you for the GATE - JAM STUDY CIRCLE Launch on Friday, 12th August 2022 at 10.30 AM Keynote and Launch by Prof. Kamakoti Veezhinathan Director, IIT Madras</p>
7	EC Orientation		August 17, 2022	3	 <p>PALS 2022 – 23 EC ORIENTATION Date : 17th AUGUST 2022 Time : 10.30 AM – 12.30 PM</p> <p>PHONE: +91 88228 38861 / +91 88228 24414 EMAIL: palsgm@palsgm.com WEB SITE: www.palsgm.com IIT Madras Alumni Association Office, C201 Building, IIT M Campus, Chennai – 600 036</p>
8	PRE PLACEMENT TALK WITH AHEESA		August 23rd		
9					
10	STUDENT LEADERSHIP PROGRAM		August 25th		
11	PALS Technology speaks		August 25		 <p>TECHNOLOGY SPEAKS SPEAKER Dr Souvik Barat , Principal Scientist, Tata Consultancy Services Research,India TOPIC ENTERPRISE DIGITAL TWIN AS A RISK FREE EXPERIMENTATION AID FOR BUSINESS AND SOCIAL SYSTEMS Date : 25th AUGUST 2022 Time : 01.30 PM – 03.30 PM VIRTUAL EVENT (Contact Organizer for more details)</p>
12	Hassanur visit for RuTAG		August 29th	3	

13	PALS Technology speaks-Future techno	Online event	August 30th	10	<p>Dr.K. Subramaniam, Senior Vice President, Product Development, Ashok Leyland</p> 
14	Groundwater contamination and remed	both online and offline	September 1st	offline-1, online 3	<p>Dr.Indhumadhi M Nambi, prof, Environment and water resources division, IIT madras</p> 
15	Innowah Launch	Online event	Sep 10	90	<p>Important Dates</p> <ul style="list-style-type: none"> September 10 – innoWAH! Launch September 12:30 – for Faculty 2 to 3 batches One day ideation workshop by Native Leads October 1 – Online Test October 21 – Register five teams with the pitch deck, Concept and Design Pitch your Plan – November 3,4 Workshop at IITM for finalists Nov/Dec Prototype Exhibition Feb/wk? 
16	PALS VI lab	submitted	Sep 16		
17	PALS TECHNOLOGY SPEAKS	Online event	Sep 22		<p>Padarathi Padmaja, Chief Executive Officer, Next generation 3d printer private limited, Chennai</p> 
18	Analyze Event	Online event	Sep 28		
19	PALS SL Workshop	Online event	6thOctober 2022		
20	PALS AWARE WEBINAR SESSION ON 10th & 11th OCTOBER 2022	Online event	10th & 11th OCTOBER 2022		<p>Ramesh Adavi</p>  <p>Sensor</p> <ul style="list-style-type: none"> ➤ Performs some function of input by sensing or feeling the physical changes in the characteristic of a system in response to <u>stimuli</u> ➤ Input: Physical parameter or stimuli <ul style="list-style-type: none"> ➤ Example: Temperature, light, gas, pressure, and sound ➤ Output: Response to stimuli

21	TECHNOLOGY SPEAKS	Online event	13.10.22	19	Ms.SabiyaParveen Sayyed, SoftwareArchitect,	
22	ONLINE QUIZ FOR TINKATHON WORKSHOP	Online event	16/10/22 & 17/10/22	102 students participated, 6 students were selected for workshop		
23	VLAB FACULTY DEVELOPMENT PROGRAM	Online event	October 19th – October 21st 2022			
24	TECHNOLOGY SPEAKS	Online event	27th October 2022			
25	T2P	Online event	3/11/22			
26	Research Park visit	physical	5th November	30 students + 2 faculty		

27	Hackathon	Online event	6/11/22	8 students		
28	innoWAH! PyP	Online event	10th and 11th November 2022	20 students, 5 faculty		
29	IBM Briefing sessions on Skills academy	Online event	16/11/22		Ms. Poornima Iyengar, IBM	
30	ACADEMIA LED START-UPS” on .	Online event	29th Nov 2022 Tuesday, 10.00am – 11.30 am		Prof. Sujatha Srinivasan, Department of Mechanical Engineering, IIT MADRAS	
31	FDP	online	7/2/2023-9/2/2023	2		
32	L2M conclave	IITM research Park	18/2/2023	21		
33	Ind Visit for faculty	L&T RUBBER PROCESSING MACHINERY (LTRPM) VEDAL, KANCHIPURAM	22/2/2023	2		
34	VLAB DOMAIN SPECIFIC TRAINING		02.03.2023			

35	DEEPCYAN HACKATHON ON DRONE ENGINEERING		15.03.2023	5	
36	INDUSTRY VISIT - -	SIEMENS GAMESA	3rd MARCH 2023	5 faculty	<div data-bbox="1276 186 1963 646" data-label="Complex-Block">  <p><u>CERTIFICATE OF PARTICIPATION</u></p> <p>This certifies that Dr. T. PORSELVI PROFESSOR, ELECTRICAL AND ELECTRONICS ENGINEERING department, from SAIRAM GROUP OF INSTITUTIONS visited the SIEMENS GAMESA RENEWABLE POWER PRIVATE LIMITED, MADURANTHAGAM on 3rd MARCH 2023.</p> <p style="text-align: right;"><i>P. V. Mohan</i> P V Mohan, Chairman, PALS</p> <p><small>DATE : 3rd March 2023</small></p> </div>



P. V. Mohan
Principal
SRI SAIRAM ENGINEERING COLLEGE
West Tambaram, Chennai-44.



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in



SWAYAM/NPTEL Toppers Course Wise in March/April 2023

Sl. No.	Course Name	No. of Toppers
1	Enhancing Soft Skills and Personality	2
2	Introduction To Environmental Engineering & Science	10
3	Database system	16
4	Computer network and Internet protocol	34
5	Cloud computing	83
6	Communication Networks	1
7	Evolution Of Air Interface Towards 5G	1
8	Deep Learning	1
9	Optical Wireless Communications for Beyond 5G Networks and IoT	1
10	Design, Technology and Innovation	1
11	Roadmap for patent creation	1
12	Patent Drafting for Beginners	1
	Total No. of Toppers	152



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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Students) Topper of 1% in this course

Sl.No.	Name of the Student	ID No.	Course Name	Final Score	Certificate Category
1	AAFREEN SANA H	sec20cs052@sairamtap.edu.in	Cloud Computing	94	Elite + Gold
2	GOKULA MADHAVAN B	sec20it093@sairamtap.edu.in	Cloud Computing	91	Elite + Gold
3	ROSHINI REDDY M	sec20cs091@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
4	NITHYA SREE G B	sec20it133@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
5	ABISHEK K	sec20cs041@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
6	HARISH PS	sec20cs033@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
7	V D S RAMA NANDITHA	sec20cs094@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
8	NIRANJAN KUMAR S K	sec20cs101@sairamtap.edu.in	Cloud Computing	90	Elite + Gold
9	SHREYA S	sec20cs009@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
10	BHARGAVAN S	sec20cs004@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
11	FAIZAL AHAMED I M	sec20cs025@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
12	MAGESH K	sec20cs121@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
13	JAYANTH M	sec20cs134@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
14	RAVINDHARAN	sec20cs140@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
15	HASHIKA S	sec20it031@sairamtap.edu.in	Cloud Computing	88	Elite + Silver
16	BUGATHA VENKATA RISHITHA	sec20cs049@sairamtap.edu.in	Cloud Computing	87	Elite + Silver
17	NAVIN A	sec20cs017@sairamtap.edu.in	Cloud Computing	87	Elite + Silver
18	E V DHYANESH	sec20cs020@sairamtap.edu.in	Cloud Computing	86	Elite + Silver
19	LOKESH R	sec20it007@sairamtap.edu.in	Cloud Computing	86	Elite + Silver
20	NISHANTH S PRADEEP	sec21ec043@sairamtap.edu.in	Introduction To Environmental Engineering & Science	85	Elite + Silver
21	SRINITHIN S B	sec20ec086@sairamtap.edu.in	Computer Networks And Internet Protocol	85	Elite + Silver
22	DHARSHINI P N	sec20ec090@sairamtap.edu.in	Computer Networks And Internet Protocol	84	Elite + Silver

23	MAGESH V	sec20ee039@sairamtap.edu.in	Computer Networks And Internet Protocol	84	Elite + Silver
24	MANISH M	sec21ec187@sairamtap.edu.in	Introduction To Environmental Engineering And Science	80	Elite + Silver



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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Students)

Topper of 2% in this course

Sl.No.	Name of the Student	ID No.	Course Name	Final Score	Certificate Category
1	PHILIP THOM GEORGE	sec21ic023@sairamtap.edu.in	Enhancing Soft Skills and Personality	88	Elite + Silver
2	DEEPAK RISHI G	sec20cs070@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
3	SRUTHI R	sec20cs047@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
4	SRINITHI S	sec20it013@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
5	PRIYADHARSHAN M	sec20it043@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
6	VARUN S T	sec20it128@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
7	VAISHNAVI S	sec20it001@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
8	DESIGAN M	sec20cs032@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
9	PRAVIN KUMAR P	sec20it076@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
10	ADNAN MOHAMED	sec20cs008@sairamtap.edu.in	Cloud Computing	85	Elite + Silver
11	ASWATI HARIKUMAR	sec20cs031@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
12	MOHAMMED INAMUL HASSAN M	sec20it022@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
13	HARITHA S	sec20it081@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
14	KOTTEESWARAN	sec20it042@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
15	HARSHITHA M	sec20cs005@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
16	CIBI C	cibichandran2305@gmail.com	Cloud Computing	84	Elite + Silver
17	GAYATHRI M	sec20cs023@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
18	KAMALESHKUMAR KUMARESAN	sec20cs045@sairamtap.edu.in	Cloud Computing	84	Elite + Silver
19	SIVAKUMARAN N	sec20cs167@sairamtap.edu.in	Cloud Computing	84	Elite + Silver

20	KISHORE P	sec20ec015@sairamtap.edu.in	Computer Networks And Internet Protocol	83	Elite + Silver
21	THENNILAA V S	sec20it009@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
22	KIRTHIKA H	sec20cs086@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
23	G DEEPIKA	sec20it005@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
24	PRIYANKA MALAR G P	sec20it010@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
25	JAYASHAKTHI R	sec20it028@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
26	LUXI SHANU C G	sec20cs044@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
27	PRIYAVARSHINI M	sec20cs021@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
28	DEEPA R	sec20it015@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
29	HARSHINI M	sec20cs118@sairamtap.edu.in	Cloud Computing	83	Elite + Silver
30	JAIVIGNESH K	sec20ec140@sairamtap.edu.in	Computer Networks And Internet Protocol	82	Elite + Silver
31	RUBESHKUMAR N K	sec20ec151@sairamtap.edu.in	Computer Networks And Internet Protocol	81	Elite + Silver
32	JENITA JEBARAJ	sec21ec079@sairamtap.edu.in	Introduction To Environmental Engineering And Science	79	Elite + Silver
33	R PAVITHRA	sec21ec139@sairamtap.edu.in	Introduction To Environmental Engineering And Science	78	Elite + Silver
34	LAKSHMAN ARUN S	sec21ec113@sairamtap.edu.in	Introduction To Environmental Engineering And Science	77	Elite + Silver
35	JOEL STELTON M	joelstelton9604@gmail.com	Introduction to Database Systems	76	Elite + Silver
36	HEMAA C	sec21cs129@sairamtap.edu.in	Introduction to Database Systems	75	Elite + Silver



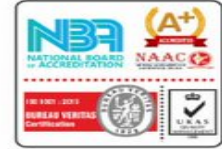
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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Students) Topper of 5% in this course

Sl.No.	Name of the Student	ID No.	Course Name	Final Score	Certificate Category
1	R ADHITYA NARAYANAN	sec21ic018@sairamtap.edu.in	Enhancing Soft Skills and Personality	85	Elite + Silver
2	MOHAMED AMEEN M	sec20ec203@sairamtap.edu.in	Design, Technology and Innovation	83	Elite + Silver
3	AKILANDESWARI K	sec20cs029@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
4	KANGO SAI TEJASWI	sec20cs010@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
5	SHIVANI T S	sec20cs129@sairamtap.edu.in	Cloud Computing	82	Elite + Silver
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SWAYAM/NPTEL Toppers based on Percentage in March/April 2023 (Faculty)

Sl.No.	Name of the Faculty	ID No.	Course Name	Final Score	Certificate Category
1	B RAJALAKSHMI	rajalakshmib.ece@sairam.edu.in	Computer Networks And Internet Protocol	90	Elite+gold (1%)
2	G SUDHA	sudhaganesh74@gmail.com	Communication Networks	90	Elite+gold (1%)
3	LAKSHMI JOSHITHA K	lakshmi.ece@sairam.edu.in	Evolution Of Air Interface Towards 5G	82	Elite+Silver (2%)
4	M JENATH	jenath.ece@sairam.edu.in	Computer Networks And Internet Protocol	82	Elite+Silver (2%)
5	G SUDHA	sudhaganesh74@gmail.com	Roadmap for patent creation	87	Elite+Silver (2%)
6	V R KANAGAVALLI	kanagavalli.math@sairam.edu.in	Deep Learning	75	Elite+Silver (5%)
7	SHABANA PARVEEN M	shabana.ece@sairam.edu.in	Computer Networks And Internet Protocol	79	Elite+Silver (5%)
8	KJEYAPIRIYA	priyainchrist@gmail.com	Optical Wireless Communications for Beyond 5G Networks and IoT	86	Elite+Silver (5%)
9	G SUDHA	sudhaganesh74@gmail.com	Patent Drafting for Beginners	86	Elite+Silver (5%)



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SWAYAM/NPTEL Elite+Gold Certified Candidates in March/April 2023

Sl.No.	Name of the candidates	ID No.	Course Name	Final Score
1	SRUTHI S	sec20ei003@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	96
2	Priya L	sec20ei060@sairamtap.edu.in	Fuzzy Sets, Logic and Systems & Applications	92
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9	THIRUPURA SUNDARI K	thirupurasundari.ei@sairam.edu.in	Fuzzy Sets, Logic and Systems & Applications	90
10	SENTHIL KUMAR R	senthilkumar.mech@sairam.edu.in	Education for Sustainable Development	90



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SSEC-NPTEL Result April'2023

Sl. No.	Course Name	Dept.	Students					Faculty					Toppers
			Appeared	Cleared	Failed	%	Abse ntees	Appeared	Cleared	Fail ed	%	Abse ntees	
1	Fuzzy Sets, Logic and Systems & Applications	EIE	32	31	1	96.88		3	3	0	100	1	
2	Foundations of Cryptography	AIDS	27	4	23	14.81		1	0	1	0		
3	Global Marketing Management	MBA	17	10	7	58.82	1						
4	Integrated Marketing Communication	MBA	5	5	0	100							
5	Basic construction materials	CIV	23	14	9	60.87	2						
6	Enhancing Soft Skills and Personality	ICE	28	27	1	96.43	1						2
7	Air Pollution and Control*	ICE,CIV	50	40	10	80							
8	CIM	MECH	56	55	1	98.21	1	2	2	0	100		
9	EVS*	ECE, CIV	279	255	24	91.4		1	1	0	100	1	10
10	Non-conventional energy Resources*	MECH, EIE	154	16	138	10.39		5	2	3	40	1	
11	Database system*	CSBS, CJ CSE, ,IT	494	380	114	76.92		5	5	0	100		16

12	Computer network and Internet protocol*	ECE, EEE	347	323	24	93.08	1	10	9	1	90	3	34
13	Ethical Hacking*	AIDS	34	17	17	50		1	0	1	0		
14	Cloud computing*	CSE, IT,	344	338	6	98.26		3	3	0	100		83
15	Electrical Machines - II	EEE	109	2	107	1.83	2	1	0	1	0	1	
16	Material Characterization	PRO											
17	Business Development: From Start to Scale	MBA	9	9	0	100							
18	Business Statistics	MBA	5	1	4	20							
19	German I	MBA	62	24	38	38.71							
20	e-Business	MBA	23	18	5	78.26							
21	Financial accounting	MBA	18	15	3	83.33	1						
22	Others		68	42	26	61.76	14	36	34	2	94.44	6	4
	Total		2184	1626	558	74.45	22	68	59	9	86.77	13	149

Air Pollution and Control*	ICE=28/32	CIV= 12/18				
EVS*	CIV=32/40	ECE=223/239				
Non-conventional energy Resources*	EIE=4/32	MECH = 12/122				
Database system*	CJ=42/56	CSBS=35/52	CSE= 153/187	IT=144/190	OTHERS =5/5	
Compter network and Internet protocol*	CSBS=45/47	ECE= 194/202	EEE= 81/96	OTHERS=3/3		
Cloud computing*	IT= 160/161	CSE= 170/175	OTHERS=8/8			

Ethical Hacking*	AIDS=12/25	others=5/10				



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SSEC-NPTEL Result April'2023

Course Name	Dept.	Certificate category				
		Elite+Gold	Elite+Silver	Elite	Successfully completed	Total
Fuzzy Sets, Logic and Systems & Applications	EIE	9	12	10	3	34
Foundations of Cryptography	AIDS				4	4
Global Marketing Management	MBA			6	4	10
Integrated Marketing Communication	MBA			3	2	5
Basic construction materials	CIV			11	3	14

Enhancing Soft Skills and Personality	ICE		11	11	5	27
Air Pollution and Control*	ICE,CIV		5	25	10	40
CIM	MECH		37	17	3	57
EVS*	ECE, CIV		10	143	103	256
Non-conventional energy Resources*	MECH, EIE		1	8	9	18
Database system*	CSBS,CSE,CJ,I T		2	94	289	385
Computer network and Internet protocol*	ECE, EEE	1	47	226	58	332
Ethical Hacking*	AIDS		2	5	10	17
Cloud computing*	CSE, IT,	8	152	150	31	341
Electrical Machines - II	EEE			1	1	2
Material Characterization	PRO					
Business Development: From Start to Scale	MBA		1	7	1	9
Business Statistics	MBA				1	1
German I	MBA			1	23	24
e-Business	MBA		7	11		18
Financial accounting	MBA		1	8	6	15
Others		2	17	31	26	76

Total		20	305	768	592	1685
to be published	8					

NPTEL Result analysis of March 2023 exam

	Absent	Elite+Gold	Elite+Silver	Elite	Successfully completed	No certificate	Topper	Total
Student	31		3	16	14	23	1	87
Faculty	8		3	10	5	1	2	27
	39	0	6	26	19	24	3	114



Principal
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